

This option is provided by the **SDK** allowing to update the fields on **Order**, **Order Line Item**, **Delivery**, and **Delivery Line Item** objects with new values used for further discount and freebies calculations and defined by the logic in the Apex class. This update occurs at a moment when a product is being added to the order.

## Update Order Fields

To set up fields for update:

1. Create and add an **Apex class** to your Salesforce org to specify the update logic of the selected fields.

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Apex

```
public with sharing class SDKCalculateDiscount {
    public class setUnitPriceAsListPrice extends orders.SDK.v1 {
        public override void calculateDiscount(Order.Data data) {
            System.debug('>>> SetUnitPriceAsListPrice ');
            String orderId = data.order.keySet()[0];
            if (data.dli.size() > 0) {
                for (Order.Record dli : data.dli.values()) {
                    dli.set('orders__UnitPrice__c', dli.get('orders__ListPrice__c'));
                }
            }
        }
    }
    public override void updateAfterOLIUpsert(Order.Data data) {
        String orderId = data.order.keySet()[0];
        if (data.oli.size() > 0) {
            for (Order.Record oli : data.oli.values()) {
                oli.set('orders__UnitPrice__c', oli.get('orders__ListPrice__c'));
            }
        }
    }
}

public class CustomTagPrice extends orders.SDK.v1 {
    public override Map<String, Object> getPriceTagHTML(Order.Data data) {
        return new Map<String, Object> {
            'html' => '<div><h3>This is custom tag.</h3></div>'
        };
    }
}
```

2. Go to **OM Settings** and click **New**.
3. Select **SDKSetting** record type and click **Next**.
4. Fill in the fields:

## Information

Sales Organization

 Alternative Sales Org ✕

Setting #

S-000000011

Order Type

Return ▼

Record Type

SDK Setting

Platform

Salesforce ▼

SDK Type

updateDataOnAfterOrderLineItemUpsert ▼

Version

v1

Parameters

```
{
  "objectName": "orders_DeliveryLineItem_c",
  "fields": [
    "$.unitPrice"
  ]
}
```

Implementation

OrderImplementation.SetUnitPriceAsListPrice

The full description of the fields is available [here](#).

- Fill in **Order type** and **Sales Organization** fields.

The setting is searched by the information set in the fields and applied accordingly:

- First searched the setting with **Order type** and **Sales organization** filled in so that the setting will be applied to the records of mentioned order types and sales organizations.
- If not found with both fields, the next suitable setting is searched with only the Sales organization filled so that the setting will be applied to all records going by the mentioned sales organization.
- Last searched the suitable setting with no specified fields.
- If nothing's found the setting won't be applied.

- **SDK Type** – choose `updateDataOnAfterOrderLineItemUpsert`;
- **Platform** – select where to apply the setting;

Currently, the setting cannot be applied on mobile devices.

- In the **Version** field type in **v1**.

Currently, only **v1** is available, otherwise, the setting won't be applied.

- In the **Implementation** field type, enter the name of the created Apex class of step 2.

- **Parameters:** fill in the list of fields in JSON format.

The fields written in the Apex class should match those written in the JSON otherwise the setting won't work.

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JSON

```
[
  {
    "objectName": "orders__Order__c",
    "fields": [
      "orders__AccountId__c",
      "orders__TotalDiscount__c",
      "orders__TotalPrice__c"
    ]
  },
  {
    "objectName": "orders__Delivery__c",
    "fields": [
      "orders__TotalDiscount__c",
      "orders__TotalPrice__c"
    ]
  },
  {
    "objectName": "orders__OrderLineItem__c",
    "fields": [
      "$.unitPrice",
      "$.quantity",
      "orders__Quantity__c",
      "orders__TotalDiscount__c",
      "orders__ListPrice__c",
      "orders__First__c",
      "orders__Last__c",
      "orders__TotalPrice__c"
    ]
  },
  {
    "objectName": "orders__DeliveryLineItem__c",
    "fields": [
      "orders__ListPrice__c",
      "$.unitPrice",
      "orders__TotalDiscount__c",
      "orders__TotalPrice__c"
    ]
  }
]
```

5. Click **Save**.